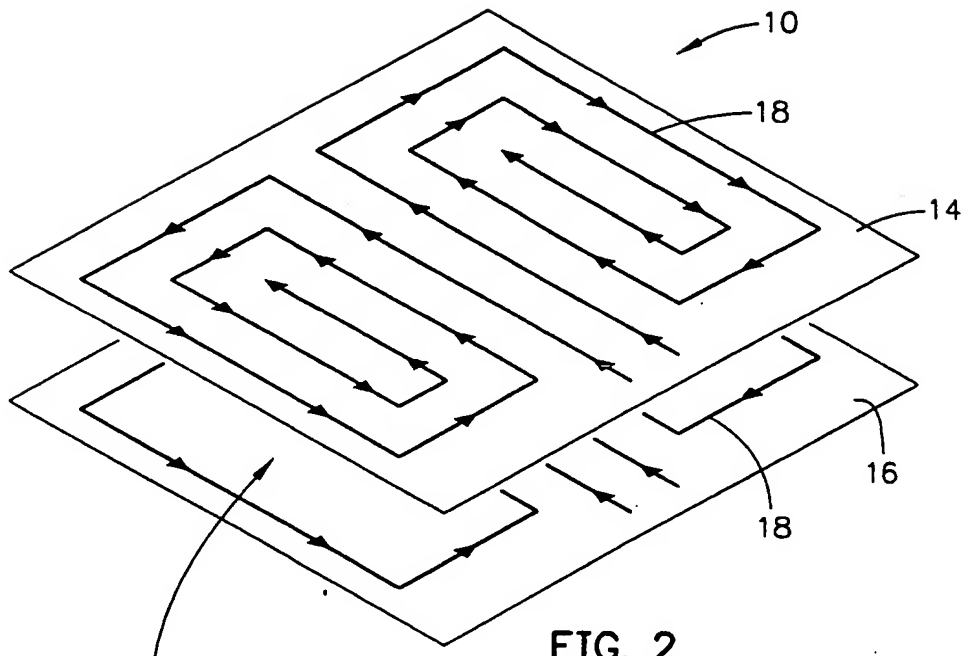


FIG. 1



MR sensor in low-field region between current sheets.

FIG. 2

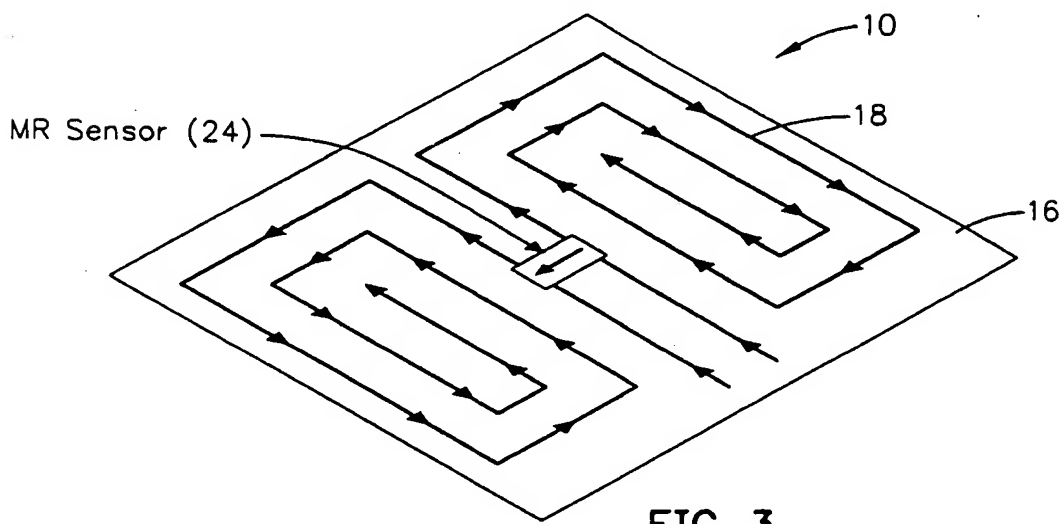


FIG. 3

Magnetoresistive
Sensor Orientation
That is Perpendicular
to the Plane of
Current Flow

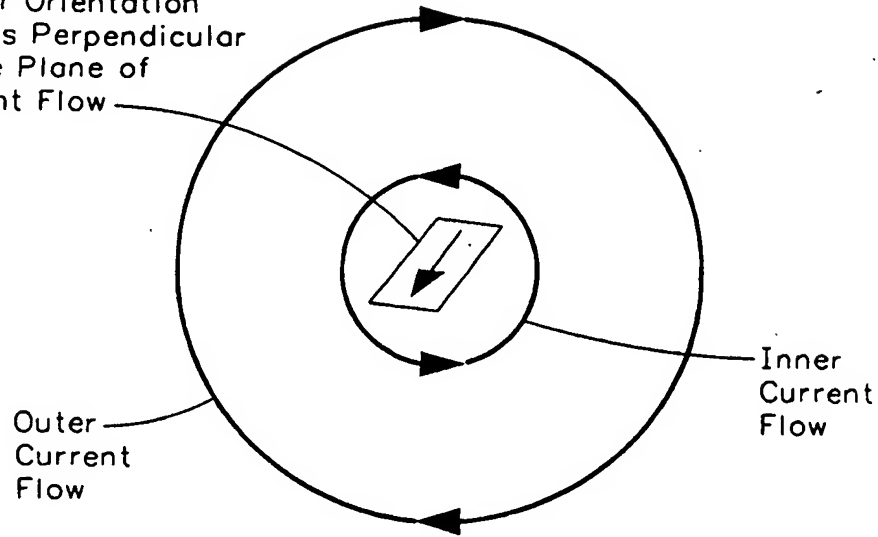


FIG. 4

35

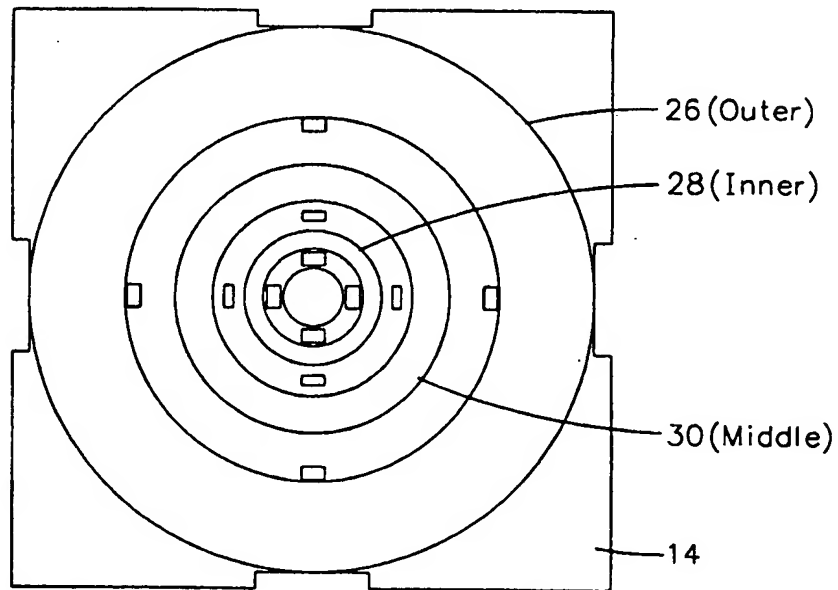


FIG. 5

TOP SECRET

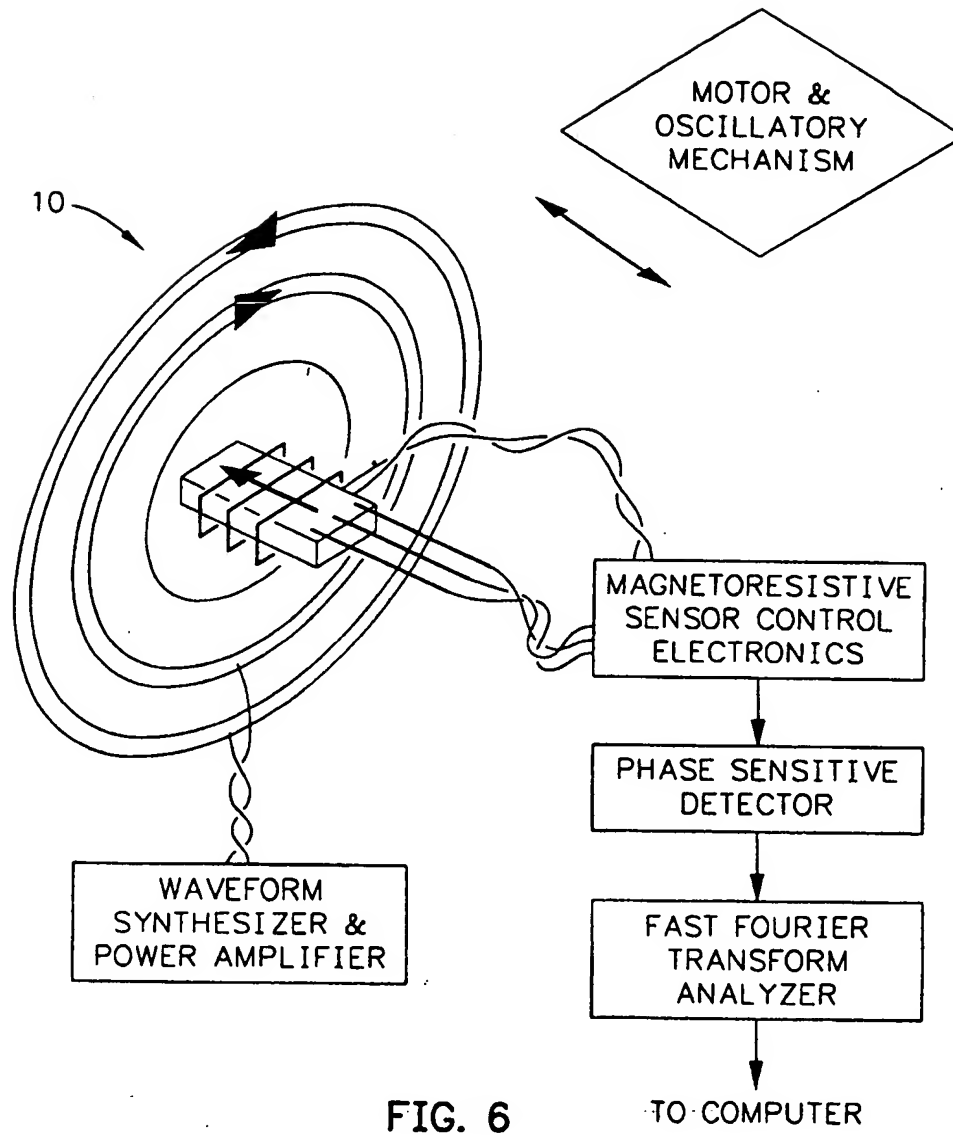


FIG. 6

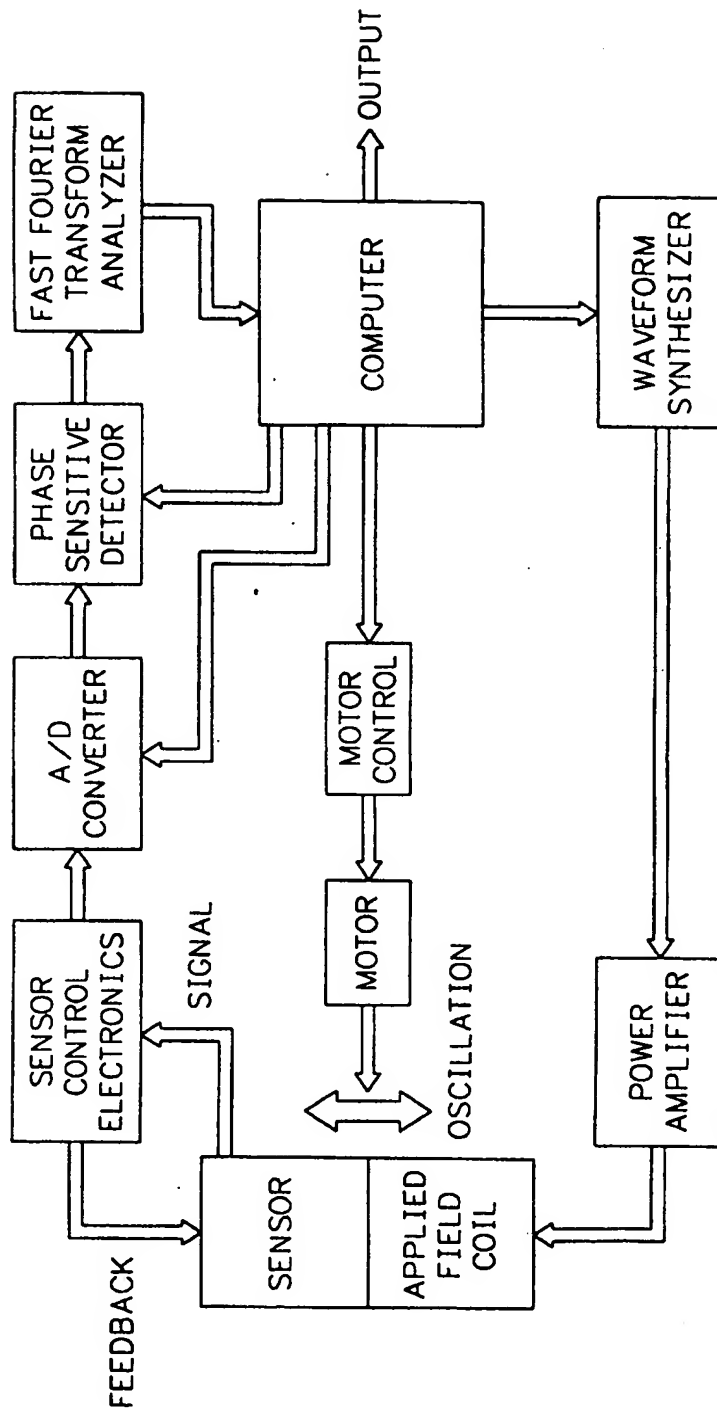


FIG. 7

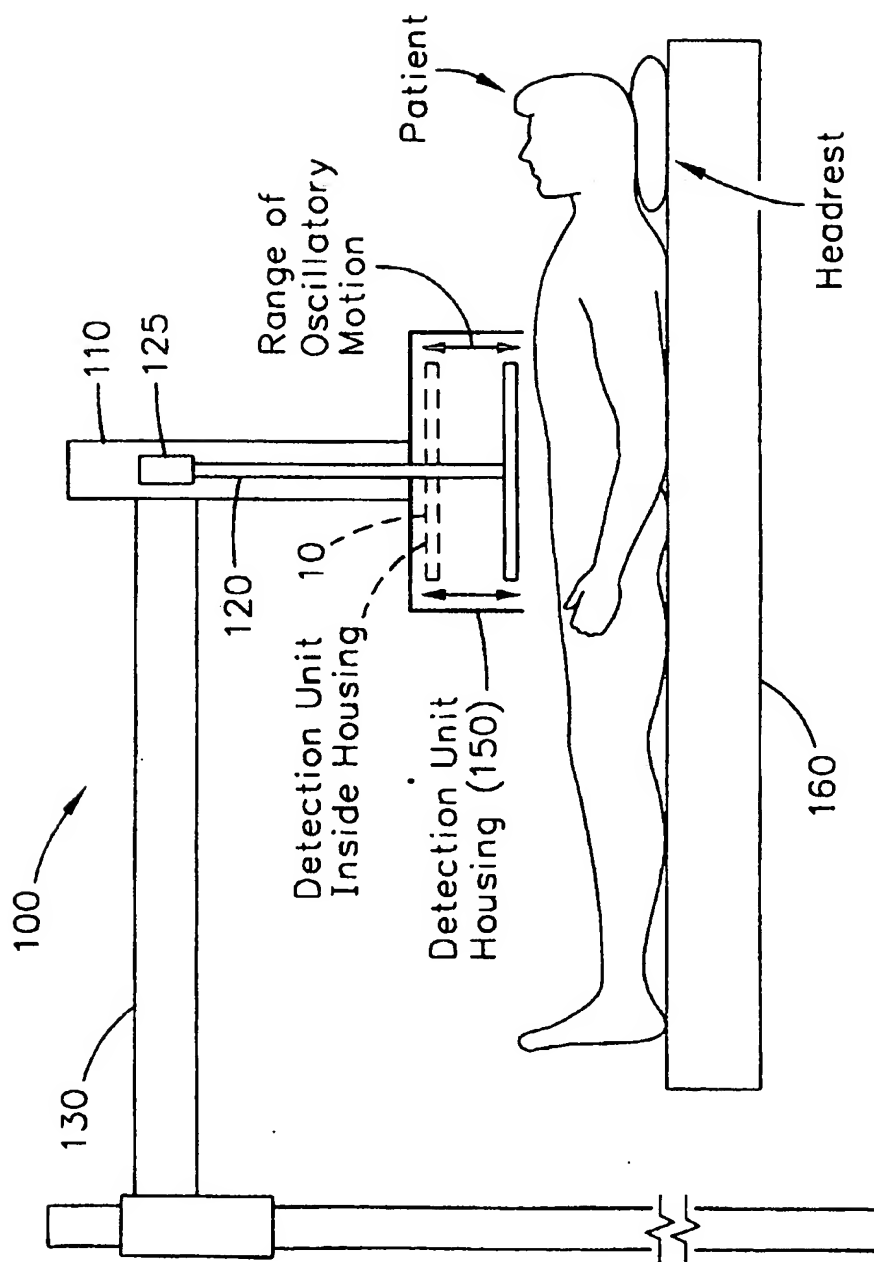


FIG. 8

FOOT" EFOOT

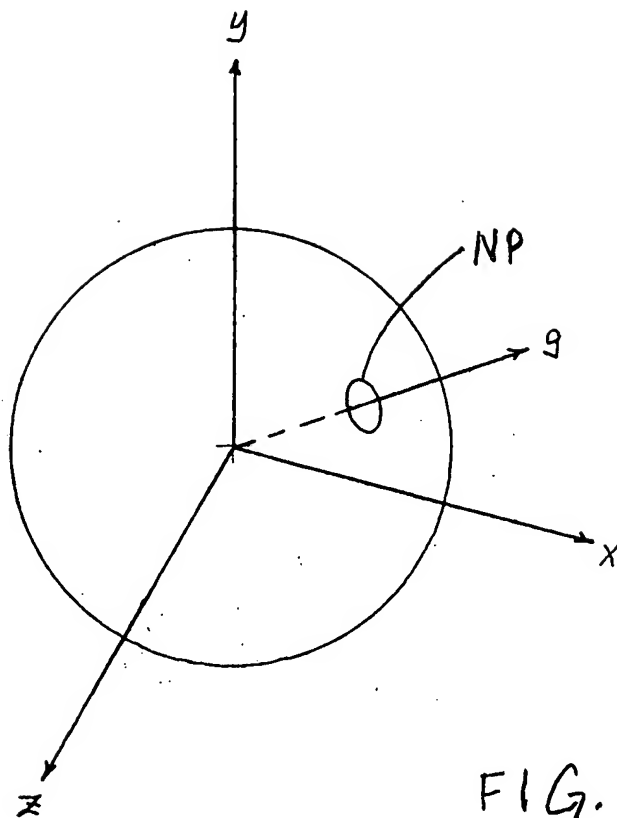


FIG. 9